



**Fig. S4. Overview of differentially regulated genes (DEGs) in pathways linked with inflammatory response and cytokine production in the different sample groups.** The percentage of genes in the panel that fulfilled  $p < 0.05$ , and were upregulated or downregulated with reference to normal skin that were linked with inflammatory response (GO: 0006954) and with positive regulation of cytokine production (GO: 0001819) were identified and plotted.